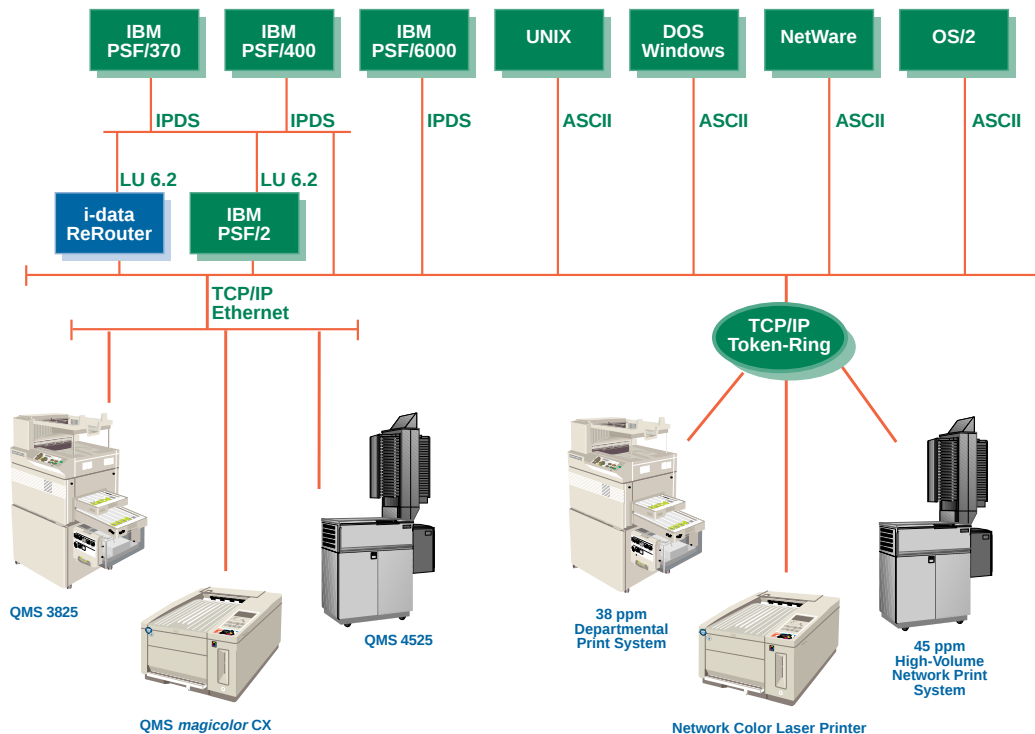


IBM Mainframe and Midrange Interfaces



Optional Interfaces for IBM AFP/IPDS LAN Printing

The ida® PrintServer 13/14 range of optional interfaces provides direct Token-Ring and Ethernet® connectivity for host-based AFP/IPDS printing to QMS Crown® print systems. Transparent ASCII passthrough is supported from local or remote (TCP/IP lpd) workstations or servers.

The ida PrintServers allow the complete family of QMS® Crown print systems to be used as AFP/IPDS printers from 802.2- or TCP/IP-based LANs. Each Token-Ring or Ethernet ida PrintServer provides connectivity for up to two Crown print systems simultaneously.

ida ReRouter The Solution for LU6.2 to TCP/IP Rerouting

The ida ReRouter is an OS/2®-based transaction program that allows AFP print jobs generated on an IBM® host to be distributed in a TCP/IP environment. Print jobs using IPDS may be rerouted and printed on QMS Crown printers attached to ida print server optional interfaces.

The ida ReRouter receives print jobs from the SNA-based output of IBM's PSF and uses the TCP/IP PPR/PPD protocol to

distribute the data throughout the network.

The ida ReRouter does not require host TCP/IP, making it a very cost effective link between SNA LU 6.2 and TCP/IP environments.

The combination of the ida ReRouter with ida PrintServers represents a flexible and cost effective means of distributing AFP print on your TCP/IP based LAN/WAN.

ida ReRouter

Prerequisites*

PC

- ◆ OS/2 2.0 or higher
- ◆ OS/2 Extended Services 1.0 or higher
- ◆ Communications Manager/2 version 1.0 or higher
- ◆ TCP/IP for OS/2 Base Kit version 2.0 or higher
- ◆ LAPS with TCP/IP support
- ◆ LAN adapter card

Mainframe

- ◆ PSF version 2.1 or higher

AS/400

- ◆ OS/400 version 2.2 or higher
- ◆ PSF/400 for OS/400 version 3.1 or higher

Software Details

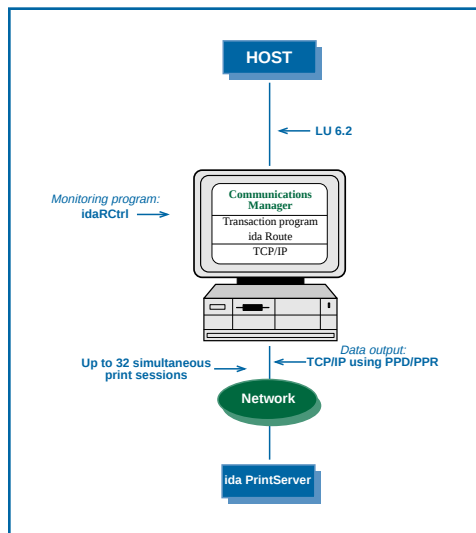
The ida ReRouter consists of two main programs:

- ◆ idaRoute—LU 6.2 to TCP/IP ReRouter for OS/2
- ◆ idaRCtrl—idaRoute control program that sets up the routes and shows the status of the defined routes

Supported Products

Supported IPDS Products

- ◆ ida PrintServer 13 for Token-Ring
- ◆ ida PrintServer 14 for Ethernet



ida PrintServer

Features

- ◆ External connectivity (dual Centronics®) to any QMS Crown print system
- ◆ Internal support for QMS® 4525 Print System
- ◆ 32-bit RISC Processor
- ◆ 2 MB RAM upgradeable to 8 MB
- ◆ IBM 4028 and 3812/16 compatible font sets multiple IPDS session support
- ◆ Flash PROM for permanent download of user defined font set and settings
- ◆ PC print share with dynamic printer share
- ◆ Font sieving

Technical Specifications*

Host IPDS

AS/400:

OS/400 version 2.2 or higher

MVS/VM/SE:

PSF version 2.1 or higher

RS/6000:

–PSF/6000 version 1.2.0 or higher
–Minimum of IBM RISC System/6000 POWER® station or POWERserver model 220
–AIX Version 3.2.4 or higher

OS/2:

PSF/2 version 1.10 or higher or ida ReRouter

Host ASCII:

Any host with TCP/IP
LPD/LPR capability

Connectivity

ida PrintServer 13:

IBM Token-Ring (IEEE 802.5) at 16/4 Mbps

ida PrintServer 14:

Ethernet 10Base2 and 10BaseT (IEEE 802.3) at 10Mbps

IPDS Emulations

IBM 4028 NS1/AS1
IBM 3812-2
IBM 3816-1D

IPDS Towers

Device control (DC/1)
Presentation text (PT/2)
IM image (IM/1)
IO image (IO/1)
Graphics (DR/2)**
Bar codes (BC/1)
Overlay (OL/1)
Page segments (PS/1)
Loaded fonts (LF/1)

Supported Printers

Up to two QMS Crown printers utilizing PCL4**/5 emulation

Power Requirements

110–240 VAC @ 50–60 Hz

Power Consumption:

max 30 watts

Size:

190 x 175 x 95 mm (without cable connections)

Weight:

2 Kg

Operation Environment

Temperature:

10°–40° C

Humidity:

8% to 80% (non condensing)

*Certain PTFs and CSDs may be required. Contact your QMS representative for further details

**=No PCL4 support of DR/2 tower.

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